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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,883	02/27/2002	Kari-Pekka Wilska	297-005893-US (C02)	1197
2512	7590	04/01/2009	EXAMINER	
PERMAN & GREEN 425 POST ROAD FAIRFIELD, CT 06824			DOAN, PHUOC HUU	
			ART UNIT	PAPER NUMBER
			2617	
			MAIL DATE	DELIVERY MODE
			04/01/2009	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/085,883	<b>Applicant(s)</b> WILSKA ET AL.	
	<b>Examiner</b> PHUOC DOAN	<b>Art Unit</b> 2617	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 February 2009.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 10-13, 16, 18 and 27-32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 10-13, 16, 18, and 27-32 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 02/24/09 has been entered.

### ***Response to Arguments***

Applicant's arguments with respect to claims **10-13, 16, 18, and 27-32** have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims **10-13, 16, 18, and 27-32** are rejected under 35 U.S.C. 102(b) as being anticipated by **Parulski (US Patent No: 5,475,441)**.

**As to claim 10**, Parulski discloses an apparatus comprising: a card shaped body having an interface conforming to the standard for PCMCIA circuit cards and adapted to be received in a PCMCIA compatible card slot of said host computer (col. 4 through col. 5, lines 63-44 “**PCMCIA memory card slot 16 of the portable computer 10 by means of an extender board 24 that matches PCMCIA card dimensions**”), an optical unit constructed in the card shaped body comprising an image sensor for receiving image data from an optical element and a processor configured to adapt said received image data for transmittal to the host computer through the PPCMCAI interface (see col. 3, lines 50-65, col. 4 through col. 5, lines 63-44, and col. 5, lines 35-67 “**signal processor 52 in associated logic circuit 54 to controlled an optical unit for acquiring image data by 42 and 44 performed fully function of circuit cards to invented by Model EPM7069, MANUFACTURED BY Altera Corporation**”); and further wherein the optics are external to the host computer when said camera card is in use (Fig. 3 with description; col. 5 lines 20-65 “**the optical system 28 associated with signal processor 52 provides the processed image signal to the computer 10**”).

**As to claim 11**, Parulski further discloses wherein the camera card comprises memory unit at least volatile and non volatile memory (col. 5, lines 45-60).

**As to claim 12**, Parulski further discloses comprising a power supply for providing power to maintain obtained image information in said memory unit (Fig. 3, item 48, col. 6, lines 35-54).

**As to claim 13**, Parulski further discloses wherein image sensor comprises a semiconductor image sensor (col. 5, lines 25-30).

**As to claim 16, 18**, Parulski further discloses further comprises software program for performing a character recognition task on image information obtained by said image sensor generate a set of recognized characters (col. 5, lines 20-50”**software program is required for performing on image information controlled by element signal processor 52, 46, CCD driver 44, and CCD imager 42**”).

**As to claim 27**, Parulski further discloses a host computer adapted to be associated with according to claim 10 (See Fig. 2A with description; col. 5 lines 1-20).

**As to claim 28**, Parulski further discloses wherein the host computer is a personal communication device (see Fig. 1 with description).

**As to claim 29**, Parulski discloses a method for collecting image data comprising: inserting a PCMCIA card into a PCMCIA compatible card slot of a host computer (col. 3, lines 1-6, col. 4 through col. 5, lines 63-44 “**with a portable computer incorporating a PCMCIA “memory card” slot, the PCMCIA memory card slot 16 of the portable computer 10 by means of an extender board 24 that matches PCMCIA card dimensions”**); collecting image data through an optical unit constructed in the PCMCIA card (see col. 3, lines 1-6, col. 5, lines 1-44); processing said image data for transmittal to the host computer through a PCMCIA interface of the host computer (see col. 3, lines 50-65, col. 5, lines 35-67 “**signal processor 52 in associated logic circuit 54 to controlled an optical unit for acquiring image data by 42 and 44 performed fully function of circuit cards to invented by Model EPM7069, MANUFACTURED BY Altera**

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**Corporation”); and storing, and/or , using, and or viewing the image data on the host computer (col. 3, lines 1-5, col. 6, lines 45-52 “a PCMCIA memory card for transferring image data from an image sensor to a personal computer and the data is either stored directly from RAM to the hard disk”).**

**As to claim 30**, claim is rejected for the same reasons as set forth in claim 29.

**As to claim 31**, claim is rejected for the same reasons as set forth in claim 29.

**As to claim 32**, claim is rejected for the same reasons as set forth in claim 29.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUOC DOAN whose telephone number is (571)272-7920. The examiner can normally be reached on 10:00AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, LESTER KINCAID can be reached on 571-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PHUOC DOAN/  
03/26/09

/Lester Kincaid/  
Supervisory Patent Examiner, Art Unit 2617